

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



here application of
Mitsuo BABA

Docket No: Q77473

Appln. No.: 10/659,364

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: September 11, 2003

For: DIGITAL CONTROL VARIABLE DELAY CIRCUIT WHICH IS HARDLY SUSCEPTIBLE TO NOISE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. Japanese Patent Application Publication No. 11-284497, published October 15, 1999 with English Abstract.

2. Japanese Patent Application Publication No. 9-214334, published August 15, 1997 with English Abstract.

3. Japanese Patent Application Publication No. 6-152343, published May 31, 1994 with English Abstract.

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4. Japanese Patent Application Publication No. 9-512965, published December 22, 1997

(corresponds to U.S. Patent No. 5,554,945 issued September 10, 1996).

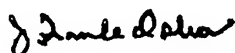
5. Japanese Patent Application Publication No. 63-31214, published February 9, 1988 with English Abstract.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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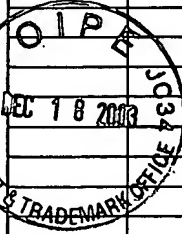
WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: December 18, 2003

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/659,364
				Confirmation Number	Unknown
				Filing Date	September 11, 2003
				First Named Inventor	Mitsuo BABA
				Art Unit	Unknown
Examiner Name	Unknown				
Attorney Docket Number	Q77473				
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,554,945	A	09/10/1996	Lee et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	11-284497	A	10/15/1999	Nippon Telegr & Teleph Corp.	English Abstract
		JP	9-214334	A	08/15/1997	IBM (US)	English Abstract
		JP	6-152343	A	05/13/1994	Nippon Telegr & Teleph Corp.	English Abstract
		JP	9-512965	A			
		JP	63-31214	A	02/09/1988		English Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.